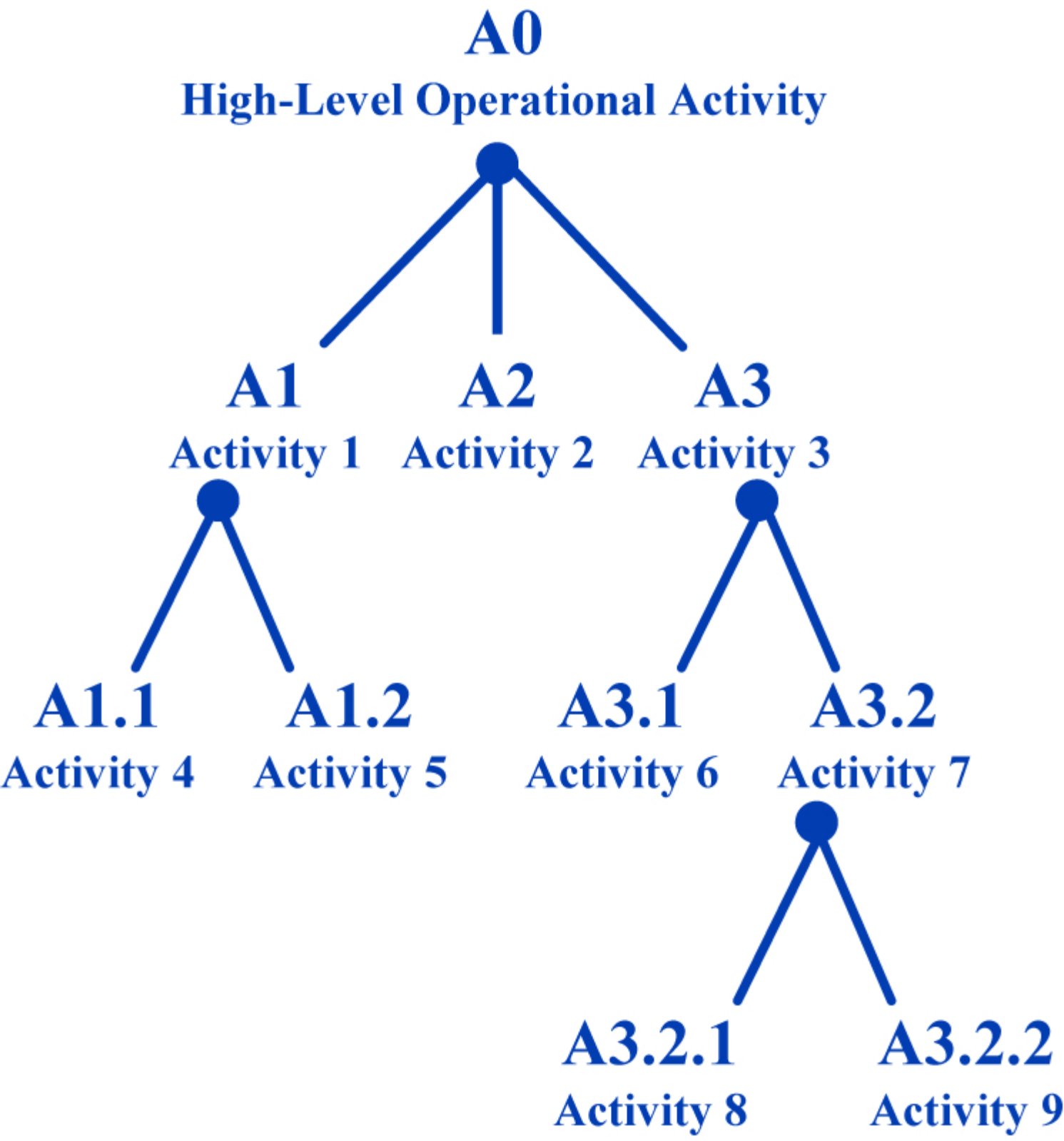Activity Hierarchy